

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A mobile telephone which accommodates an IC card having a memory area for storing information regarding electronic money, the mobile telephone comprising:

a first wireless communications section operable to perform a mobile telephone communication via a communication network;

a second wireless communications section operable to perform a contactless communication, which is independent of the mobile telephone communication, between a reader/writer provided in an automatic ticket gate, and the IC card when the IC card is placed over the automatic ticket gate; and

a wireless communications control section operable;

operable to, in the case where said second wireless communications section accesses the memory area for storing the information regarding electronic money to perform processing for exchanging the electronic money with the reader/writer, to determine, when the IC card is placed over the automatic ticket gate, determine that the contactless communication requires a high security level a contactless communication that involves highly confidential information is to be performed by said second wireless communications section, in a case where said second wireless communications section accesses the memory area for storing the information regarding electronic money to perform processing of exchanging the electronic money with a reader/writer; cause a mobile telephone communication function of said first wireless communications section to be in a function deactivated mode where the mobile telephone communication function is not reactivated automatically, and certainly complete the contactless communication, performed by said second wireless communications section, that involves highly confidential information; and

operable to prohibit, in order to prevent said first wireless communications section from causing radio interferences to said second wireless communications section, the mobile telephone communication performed by said first wireless communications section to an extent greater than a in the case where said second wireless communications section performs the contactless communication without accessing the memory area for storing the information regarding electronic money is not accessed, when the IC card is placed over the automated ticket gate, cause a mobile telephone communication function of said first wireless communications section to be in a temporary deactivated mode where the mobile telephone communication

function is reactivated automatically, and preferentially complete the contactless communication performed by said second wireless communications section; and

a timer section operable to start timing when said wireless communications control section causes the mobile telephone communication function of said first wireless communications section to be in the temporary deactivated mode, said timer section being used for reactivation from the temporary deactivated mode,

wherein, at a time when a predetermined time period has elapsed in a timer operation of said timer section, said wireless communication control section automatically returns said first wireless communication section from the temporary deactivated mode to a mode where a mobile telephone communication can be performed.

2-12. (Canceled)

13. (Currently Amended) A communications method used by a mobile telephone including; a first wireless communications section for performing a mobile telephone communication via a communications network; and a second wireless communications section for performing a contactless communication, which is independent of the mobile telephone communication, between a reader/writer provided in an automatic ticket gate, and an IC card having a memory area for storing information regarding electronic money when the IC card is placed over the automatic ticket gate, the method comprising the steps of:

a step of determining an initiation of a contactless communication performed by the second wireless communications section; and

a wireless communication control step of:

in the case where the second wireless communications section accesses the memory area for storing the information regarding electronic money to perform processing for exchanging the electronic money with the reader/writer, determining, at an initiation of the contactless communication, that the contactless communication requires a high security level in a case where the second wireless communications section accesses the memory area for storing the information regarding electronic money is not accessed, and prohibiting, in order to prevent the first wireless communications section from causing radio interferences to the second wireless communications section, the mobile telephone communication performed by the first wireless

communications section to an extent greater than a case where the memory area for storing the information regarding electronic money is not accessed; a contactless communication that involves highly confidential information is to be performed by the second wireless communication section, causing a mobile telephone communication function of the first wireless communications section to be in a function deactivated mode where the mobile telephone communication function is not reactivated automatically, and certainly completing the contactless communication, performed by the second wireless communications section, that involves highly confidential information; and

in the case where the second wireless communications section performs the contactless communication without accessing the memory area for storing the information regarding electronic money, when the IC card is placed over the automated ticket gate, causing a mobile telephone communication function of the first wireless communications section to be in a temporary deactivated mode where the mobile telephone communication function is reactivated automatically, and preferentially completing the contactless communication performed by the second wireless communications section; and

a timer step of starting timing when the mobile telephone communication function of the first wireless communications section is caused to be in a temporary deactivated mode in the wireless communication control step, the timer section being used for reactivation from the temporary deactivated mode,

wherein the wireless communication control step includes a step of, at a time when a predetermined time period has elapsed in a timer operation of the timer section, automatically returning the first wireless communication section from the temporary deactivated mode to a mode where a mobile telephone communication can be performed.

14. (Currently Amended) A communications program stored on a computer-readable storage medium that is executed by a mobile telephone including a first wireless communications section for performing a mobile telephone communication via a communications network, and a second wireless communications section for performing a contactless communication, which is independent of the mobile telephone communication, between a reader/writer provided in an automatic ticket gate, and an IC card having a memory area for storing information regarding

electronic money when the IC card is placed over the automatic ticket gate, the program causing the mobile telephone to perform the steps of:

a step of determining an initiation of a contactless communication performed by the second wireless communications section; and

a wireless communication control step of:

in the case where the second wireless communications section accesses the memory area for storing the information regarding electronic money to perform processing for exchanging the electronic money with the reader/writer, determining, at an initiation of the contactless communication, that the contactless communication requires a high security level in a case where the second wireless communications section accesses the memory area for storing the information regarding electronic money is not accessed, and prohibiting, in order to prevent the first wireless communications section from causing radio interferences to the second wireless communications section, the mobile telephone communication performed by the first wireless communications section to an extent greater than a case where the memory area for storing the information regarding electronic money is not accessed, a contactless communication that involves highly confidential information is to be performed by the second wireless communication section, causing a mobile telephone communication function of the first wireless communications section to be in a function deactivated mode where the mobile telephone communication function is not reactivated automatically, and certainly completing the contactless communication, performed by the second wireless communications section, that involves highly confidential information; and

in the case where the second wireless communications section performs the contactless communication without accessing the memory area for storing the information regarding electronic money, when the IC card is placed over the automated ticket gate, causing a mobile telephone communication function of the first wireless communications section to be in a temporary deactivated mode where the mobile telephone communication function is reactivated automatically, and preferentially completing the contactless communication performed by the second wireless communications section; and

a timer step of starting timing when the mobile telephone communication function of the first wireless communications section is caused to be in a temporary deactivated mode in the

wireless communication control step, the timer section being used for reactivation from the temporary deactivated mode.

wherein the wireless communication control step includes a step of, at a time when a predetermined time period has elapsed in a timer operation of the timer section, automatically returning the first wireless communication section from the temporary deactivated mode to a mode where a mobile telephone communication can be performed.

15. (Currently Amended) An integrated circuit used in a mobile telephone which accommodates an IC card having a memory area for storing information regarding electronic money, the mobile telephone including a first wireless communications section for performing a wireless communication via a communications network, and a second wireless communications section for performing a contactless communication, which is independent of the mobile telephone communication, between a reader/writer provided in an automatic ticket gate, and the IC card when the IC card is placed over the automatic ticket gate, the integrated circuit comprising:

a circuit functioning as a wireless communications control section;

operable to, in the case where the second wireless communications section accesses the memory area for storing the information regarding electronic money to perform processing on exchanging the electronic money with the reader/writer, determine, when the IC card is placed over the automatic ticket gate, determine that the contactless communication requires a high security level a contactless communication that involves highly confidential information is to performed by the second wireless communications section, in a case where the second wireless communications section accesses the memory area for storing the information regarding electronic money to perform processing on exchanging the electronic money with the reader/writer cause a mobile telephone communication function of the first wireless communication function of the first wireless communications section to be in a function deactivated mode where the mobile telephone communication function is not reactivated automatically, and certainly complete the contactless communication, performed by the second wireless communications section, that involves highly confidential information; and

operable to prohibit, in order to prevent the first wireless communications section from causing radio interferences to the second wireless communications section, the mobile telephone communication performed by the first wireless communications section to an extent greater than in the case where the second wireless communications section performs the contactless communication without accessing the memory area for storing the information regarding electronic money is not accessed, when the IC card is placed over the automated ticket gate, cause a mobile telephone communication function of the first wireless communications section to be in a temporary deactivated mode where the mobile telephone communication function is reactivated automatically, and preferentially complete the contactless communication performed by the second wireless communications section; and

a circuit functioning as a timer section operable to start timing when the wireless communications control section causes the mobile telephone communication function of the first wireless communications section to be in the temporary deactivated mode, the timer section being used for reactivation from the temporary deactivated mode,

wherein, at a time when a predetermined time period has elapsed in a timer operation of the timer section, the wireless communication control section automatically returns the first wireless communication section from the temporary deactivated mode to a mode where a mobile telephone communication can be performed.

16-19. (Cancelled)

20. (New) The mobile telephone according to claim 1, wherein, when said first wireless communication section is in the function deactivated mode where a mobile telephone communication cannot be performed and when an operation of mode switching by a user is detected, said wireless communication control section switches said first wireless communications section to the mode where a mobile telephone communication can be performed.